

## MULTI-CAVITY OPTICAL DISC MOLD

### Abstract of the Disclosure

- 5 A multiple cavity injection molding system having at least two single cavity injection molds for forming optical discs. The single cavity injection molds are physically and thermally separated from each other. Each single cavity injection mold has first and second mating portions which are movable between a closed position in which a mold cavity is formed and an open position
- 10 in which the object is removed from the mold cavity. A resin delivery system is operatively coupled to the first mating portion of each of the single cavity injection molds for delivering resin into each of the two single cavity injection molds, and an ejector system is operatively coupled to the second mating portion of the single cavity injection mold for ejecting the molded disc from the mold
- 15 cavity.